

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Daisuke MIYAUCHI

Application No.: New U.S. Patent Application

Filed: March 26, 2004

Docket No.: 118530

For: THIN FILM MAGNETIC HEAD AND METHOD FOR MANUFACTURING THE SAME

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

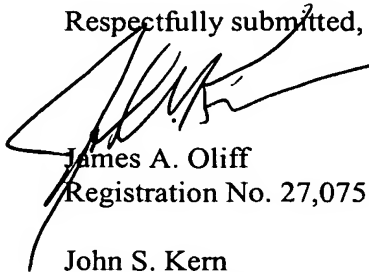
Sir:

Pursuant to 37 CFR §1.56, the attention of the Patent and Trademark Office is hereby directed to the reference(s) listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the reference(s) be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

- ☒ 1. This Information Disclosure Statement is being filed (a) within three months of the U.S. filing date of this non-CPA application, OR (b) before the mailing date of a first Office Action on the merits in the present application. No certification or fee is required.
- ☒ 2. Relevance of reference No. 3 is discussed in the present specification.
- ☒ 3. The present application was filed or entered the U.S. National Stage of the PCT after June 30, 2003. In accordance with the June 11, 2003, Notice waiving the requirements of 37 CFR §1.98(a)(2)(i), copies of any U.S. patents and patent application publications are not attached.
- ☒ 4. An English-language Abstract of non-English language reference No. 2 is attached hereto.

- ☒ 5. A computer-generated English translation of the following Japanese Patent Publication has been obtained from the website of the Japanese Patent Office ([<http://www.jpo.go.jp>]), and is attached, but has not been reviewed for accuracy. See Reference 2.
- ☒ 6. Reference No. 1 corresponds to reference No. 2.

Respectfully submitted,



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<p>DEPOSIT ACCOUNT USE AUTHORIZATION Please grant any extension necessary for entry; Charge any fee due to our Deposit Account No. 15-0461</p>
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Form PTO-1449 (REV. 8-83)		US Dept. of Commerce PATENT & TRADEMARK OFFICE		ATTY DOCKET NO. 118530		APPLICATION NO. New U.S. Patent Application	
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)				APPLICANT Daisuke MIYAUCHI			
				FILING DATE March 26, 2004			

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	1	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
	1	US 2002/0163766 A1	11/7/2002	EGUCHI et al.		

FOREIGN PATENT DOCUMENTS						
	2	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS
	2	JP A 2002-329905 w/ Abst & Trans	11/15/2002	Japan		

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)		
	3	NAGASAKA et al., "GIANT MAGNETORESISTANCE PROPERTIES OF SPECULAR SPIN VALVE FILMS IN A CURRENT PERPENDICULAR TO PLANE STRUCTURE," JOURNAL OF APPLIED PHYSICS, Volume 89, Number 11, pp. 6943-6945, June 1, 2001.

EXAMINER	DATE CONSIDERED
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Date: March 26, 2004